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(71) Applicant (for all designated States except US): KRATON Polymers Research B.V. [NL/NL]; Badhuisweg 3, NL-1031 CM AMSTERDAM (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MARIS, Catherine A.L. [BS/BE]; Monnet Centre, Avenue Jean Monnet 1 Ottignies, B-BE-1348 Louvain-La-Neuve (BE). COIGNOUL, Emmanuelle [BE/BE]; KRATON Polymers Research S.A., Monnet Centre, Avenue Jean Monnet 1, B-BE-1348 Ottignies-Louvain-La-Neuve (BE).

(74) Agent: KORTEKAAS, Marcel; KRATON Polymers Research B.V., Intellectual Property Services, P.O. Box 37666, NL-1030 BH AMSTERDAM (NL).

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(54) Title: HYDROGENATED STYRENIC BLOCK COPOLYMER COMPOSITIONS WITH IMPROVED HIGH TEMPERATURE OVERMOLDING PROPERTIES

(57) Abstract: A hydrogenated styrenic block copolymer composition for overmolding onto a polar substrate is provided, comprising: a) 100 pbw of a hydrogenated styrenic block copolymer having at least two resinous endblocks of polymerized monovinyl arene and an elastomeric midblock of polymerized and subsequently hydrogenated conjugated diene or dienes, b) from 25 to 60 pbw of a functionalized polyolefin, and optionally c) from 0 to 100 pbw of a plasticizer, d) from 0 to 200 pbw of one or more fillers and filler deactivators, e) from 0 to 2 pbw of antioxidants, f) from 0 to 100 pbw of a polar engineering thermoplast, wherein component (a) is a linear hydrogenated styrenic block copolymer having an apparent molecular weight in the range of from 200,000 to 500,000 or a radial hydrogenated styrenic block copolymer having an apparent molecular weight in the range of from n times 100,000 to 250,000, n equals the number of polymer arms, and component (a) has a content of hydrogenated 1,2-polymerized conjugated dienes (vinyl content) of greater than 40% and a content of poly(monovinyl arene) in the range of from 20 to 50%, and component (b) is an acid, anhydride or ester functionalized polyolefin having a grafting level of 0.5 to 5%w and a melt flow rate (MFR, ASTM D 1238-95 at Condition L) equal to or greater than 20 g/10 minutes.